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12/07/2007 17:55

#289 P.003/019

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please amend claims 1, 19, 32, 34, 38 and 39 as indicated below (material to be inserted is in **bold and underline**, material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[]]):

Page 2 - RESPONSE TO OFFICE ACTION
Serial No. 10/777,448
HP Docket No. 200309247-1
KH Docket No. HPCC 3B1

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Listing of Claims:

1. (Currently Amended) A medicament dispenser, comprising:
 - a fluid medicament supply;
 - an ejector;
 - an accumulator in fluid communication with the ejector;
 - a valve in fluid communication with the fluid medicament supply and the accumulator, wherein the valve connects the fluid medicament supply with the accumulator;
 - a sensor configured to sense an accumulator characteristic; and
 - a controller configured to operate the valve in response to the accumulator characteristic.
2. (Original) The dispenser of claim 1, where the sensor is configured to sense fluid pressure within the accumulator.
3. (Previously Presented) The dispenser of claim 1, where the sensor is configured to sense a volume defined by the accumulator.
4. (Original) The dispenser of claim 1, wherein the sensor is fluidically coupled to the accumulator.
5. (Original) The dispenser of claim 4, wherein the sensor is configured to sense pressure adjacent the ejector.
6. (Original) The dispenser of claim 1, further comprising a compliant member that regulates pressure within the accumulator.

7. (Original) The dispenser of claim 6, wherein the compliant member is configured to regulate pressure by deforming elastically in response to changes in accumulator pressure.

8. (Original) The dispenser of claim 7, wherein the compliant member is configured to regulate negative accumulator pressure.

9. (Original) The dispenser of claim 7, wherein the sensor is coupled to the compliant member to sense the accumulator volume.

10. (Original) The dispenser of claim 1, wherein the valve includes a microvalve.

11. (Original) The dispenser of claim 10, wherein the microvalve includes an electrostatic actuator, a magnetic actuator, or a piezoelectric actuator.

12. (Original) The dispenser of claim 1, further comprising a display configured to provide information to a user of the dispenser.

13. (Original) The dispenser of claim 12, wherein the information includes the number of doses of medicament remaining in the dispenser.

14. (Original) The dispenser of claim 12, wherein the information includes an indication to replace the fluid medicament supply.